

REMARKS

Claims 1-41 are pending in the application.

Claims 1-41 remain in the application.

The specification and drawings have been amended to correct inadvertent errors.

Drawing Objections

As stated above, Examiner has objected to the drawings as failing to comply with CFR 1.84(p)(5). Applicants have submitted replacement figures for the Examiner's approval.

Disclosure Objection

Examiner has objected to the disclosure because of the minor informality: "ports 185-189"(page 26, line 6) should have been "ports 186-189". Applicants have amended the specification accordingly, as provided above.

Claim Rejections under 35 U.S.C. § 102

Claims 1-3 were rejected under 35 U.S.C. § 102(e) as being anticipated by Sauer et al., U.S. Patent No. 6,034,950 (hereinafter "Sauer"). Sauer discloses a packet-based centralized base station controller. It provides a base station system (BSS) encompassing a base station controller (BSC), ATM transcoder (AXC), and one or more Base Transceiver Subsystems (BTS). The AXC provides for the coupling of external mobile subscriber subsystems (MS) and a public switched telephone network (PSTN). The BSC provides for communication with and control of the ATM transcoder hub subsystem. (See Abstract).

Examiner states, in regards to claim 1, that Sauer discloses the invention as claimed. Applicants respectfully submit that Sauer fails to teach or suggest a method for communicating data between a host and an agent, the method comprising: performing a first transaction at a first time between a host controller and a hub; performing a second transaction between the hub and an agent based on the first transaction at the first time; and performing *the first transaction at a second time* between the host controller and the hub.

Regarding claim 1, Examiner refers to column 21, line 17 in stating that Sauer provides a first transaction (“first set of signals” in Sauer) between a host controller (BSC 220 of figure 1a) and a hub (AXC 250). Examiner states that Sauer provides a second transaction (air interface communications with mobile stations (MS) 270,271,col.21, lines 19-23) between the hub (AXC) and an agent (MS 270,271) based on the first transaction at the first time. Examiner further states that Sauer provides for performing *the first transaction at a second time* (second set of signals, col. 21, line 18) between host controller (BSC) and the hub (AXC).

Applicants respectfully submit that there is nothing in Sauer to teach or suggest performing the first transaction *at a second time* (i.e., that “the second set of signals” is for the same transaction as the “first set of signals”). Sauer provides, “wherein the AXC provides a first set of signals *to the BSC . . .*” and “wherein the BSC *is responsive to* the first set of signals from the AXC *to generate a second set of signals . . .*” Applicant submits that “the first set of signals” cannot be for the same transaction as “the second set of signals” at least because “the first set of signals” travels *from the AXC to the BSC* and “the second set of signals” travels *from the BSC*.

Further and in the alternative, Sauer provides, “wherein the AXC provides a first set of signals to the BSC *to direct the base station controller as to call flow management data . . .*” and “wherein the BSC is responsive to the first set of signals from the AXC to generate a second set of signals coupled to the AXC, *to provide control of transcoding and conversion necessary to communicate between the mobile subscriber subsystems generating data in an*

air interface communications format and a data source generating data in a format compatible with the PSTN.” Applicant respectfully submits that “the first set of signals” cannot be the for the same transaction as “the second set of signals”, further, because “the first set of signals” performs a different service (to direct the base station controller as to call flow management data) than the “second set of signals” (to provide control of transcoding and conversion necessary to communicate between the mobile subscriber subsystems generating data in an air interface communications format and a data source generating data in a format compatible with the PSTN).

Applicant respectfully submits, therefore, that claims 2-10 are allowable as depending from an allowable base claim.

Claims 1-5, 7, 8, 10, 22-26, 28, 29, 31-36, 38, 39, and 41 were rejected under 35 U.S.C. § 102(e) as being anticipated by Ajanovic et al., U.S. Patent No. 6,145,039 (hereinafter “Ajanovic”). Ajanovic discloses an interface to transfer data between a memory controller hub and an input/output (I/O) hub of a chipset within a computer system. (See Abstract).

Applicants respectfully submit that Ajanovic does not teach or suggest a method for communicating data between a host and an agent, the method comprising: performing a first transaction at a first time between a host controller and a hub; performing a second transaction between the hub and an agent based on the first transaction at the first time; and performing *the first transaction at a second time* between the host controller and the hub.

In regards to claim 1, Examiner states that a host is provided by the CPU 208 in Figure 2; a host controller is provided by a memory controller hub 204; an agent is provided by a peripheral device 218, 220, 222, 224 or a PCI agent 214; and a hub is provided by an I/O hub 206. Examiner further states that performing a ‘first transaction at a first time’ is provided by a Request packet on hub link 202 and that a ‘first transaction at a second time’ is provided by a Completion packet.

Applicant respectfully submits by similar reasoning as above that the Request packet is not the same transaction as the Completion packet. In an embodiment of the present invention, an advanced transaction is utilized (first transaction at a first time; See page 17, lines 6-8), and then at a later time, a *repeat* advanced transaction is performed (first transaction at a second time; See page 17, lines 14-18). Applicant submits that in Ajanovic the Request and the Completion packet are completely different. For example, they operate in specifically opposite directions (downstream vs. upstream). The Request packet is initiated by the *host* 208 and is *responded to* by an *agent* 218,220,222,224 with a Completion packet. (See, for example, col. 2, lines 61-67; col. 3, lines 4-9; and claim 6, 24, and 32).

Applicant respectfully submits, therefore that claims 2-5, 7, 8, and 10 are allowable as depending from an allowable base claim.

By similar reasoning as above, Applicant respectfully submits that independent claims 22 and 32 are allowable (i.e., in Ajanovic, the Request packet is not the same transaction as the Completion packet).

Applicant respectfully submits, therefore that claims 23-26, 28, 29, 31, 33-36, 38, 39, and 41 are allowable as depending from an allowable base claim.

Based on the amendments and arguments above, reconsideration and withdrawal of the rejection of claims 1-5, 7, 8, 10, 22-26, 28, 29, 31-36, 38, 39, and 41 under 35 U.S.C. §102(e) is respectfully requested.

Claim Rejections under 35 U.S.C. § 103

Claims 6, 9, 27, 30, 37, and 40 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Ajanovic in view of McAlear, U.S. Patent No. 6,389,029 (hereinafter “McAlear”). Applicant respectfully submits that neither Ajanovic, McAlear, nor any combination thereof teaches or suggests a method for communicating data between a host and an agent, the method comprising: performing a first transaction at a first time between a

host controller and a hub; performing a second transaction between the hub and an agent based on the first transaction at the first time; and performing *the* first transaction *at a second time* between the host controller and the hub.

In addition and in the alternative, Applicant respectfully submits that claims 6, 9, 27, 30, 37, and 40 are allowable as depending from allowable base claims.

CONCLUSION

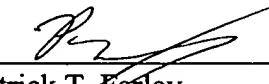
For all the above reasons, the Applicant respectfully submits that this application is in condition for allowance. A Notice of Allowance is earnestly solicited.

The Examiner is invited to contact the undersigned at (408) 975-7500 to discuss any matter concerning this application. The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 11-0600.

Respectfully submitted,
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Dated: 3-4-03

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